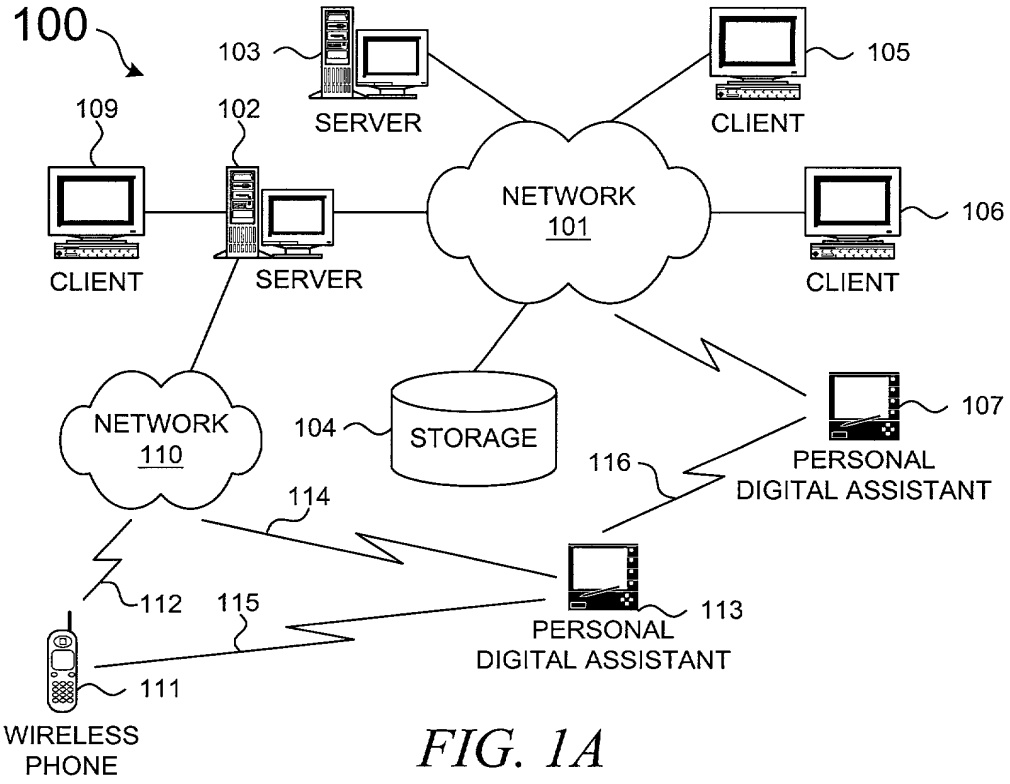

FIG. 1A
(PRIOR ART)

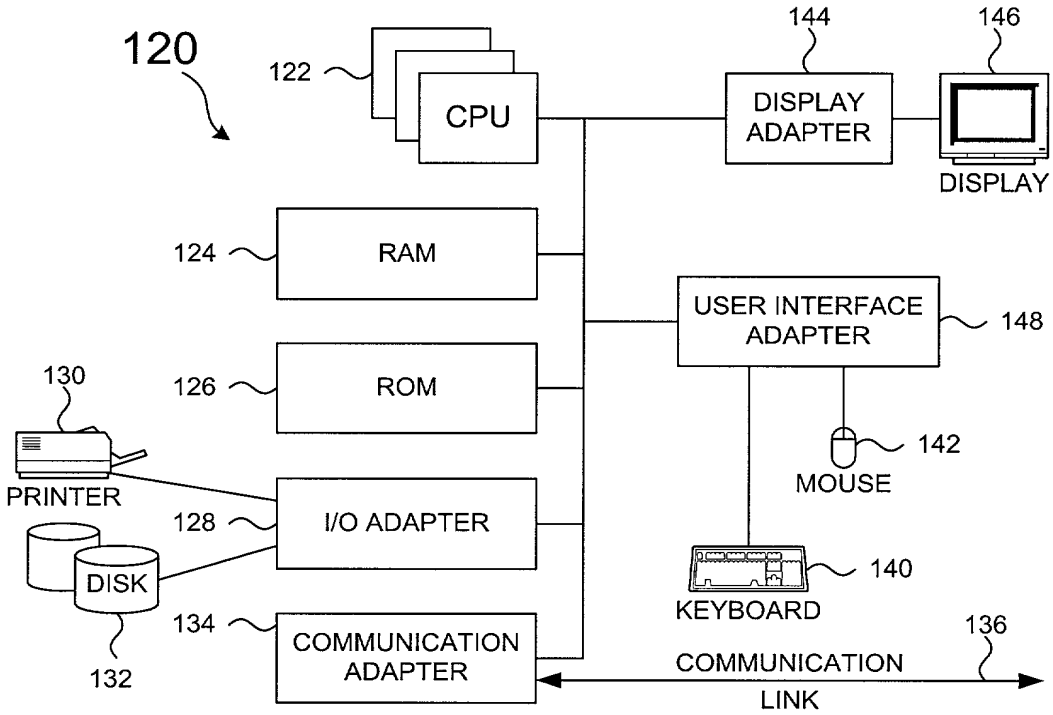

FIG. 1B
(PRIOR ART)

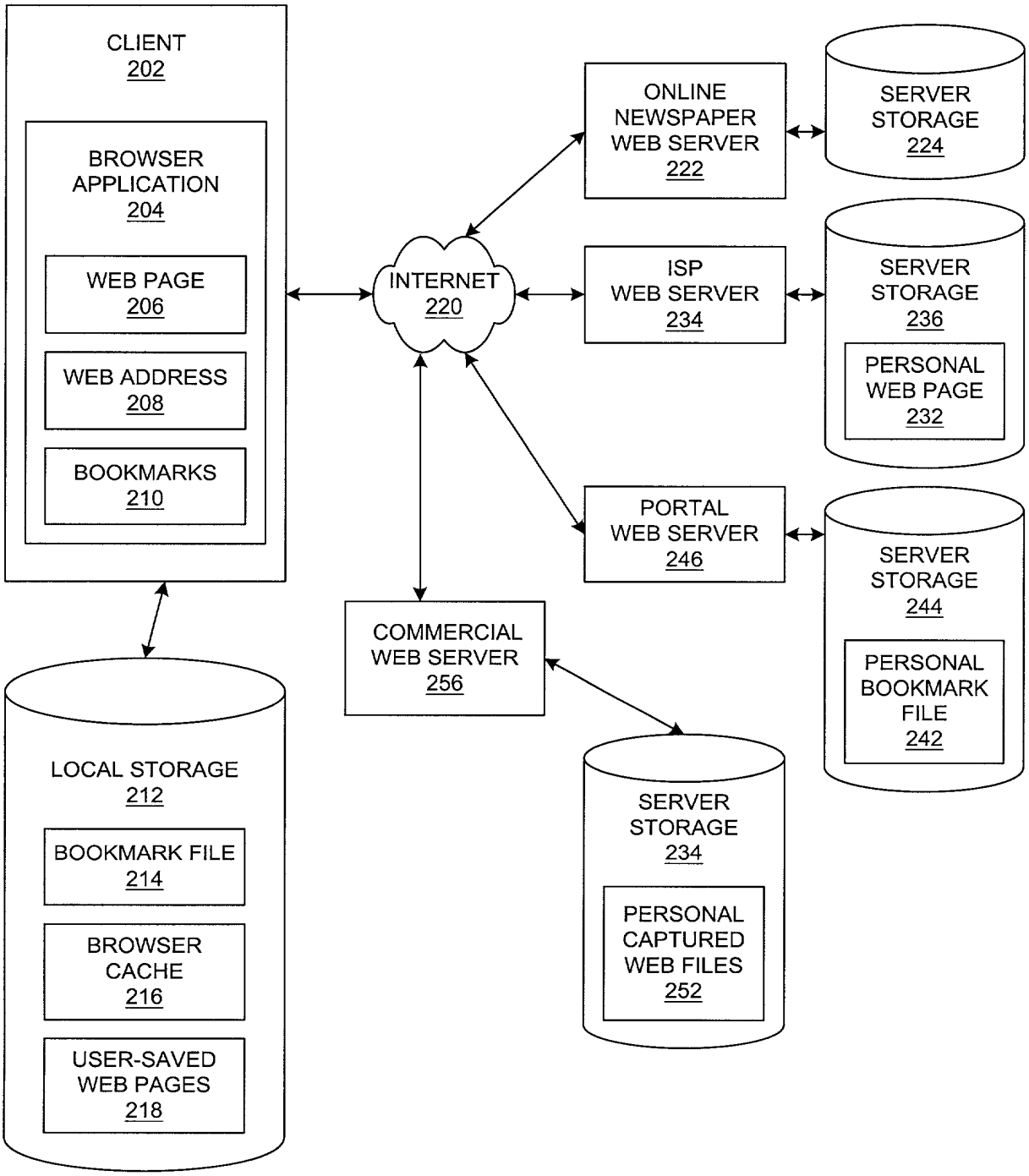

FIG. 2
(PRIOR ART)

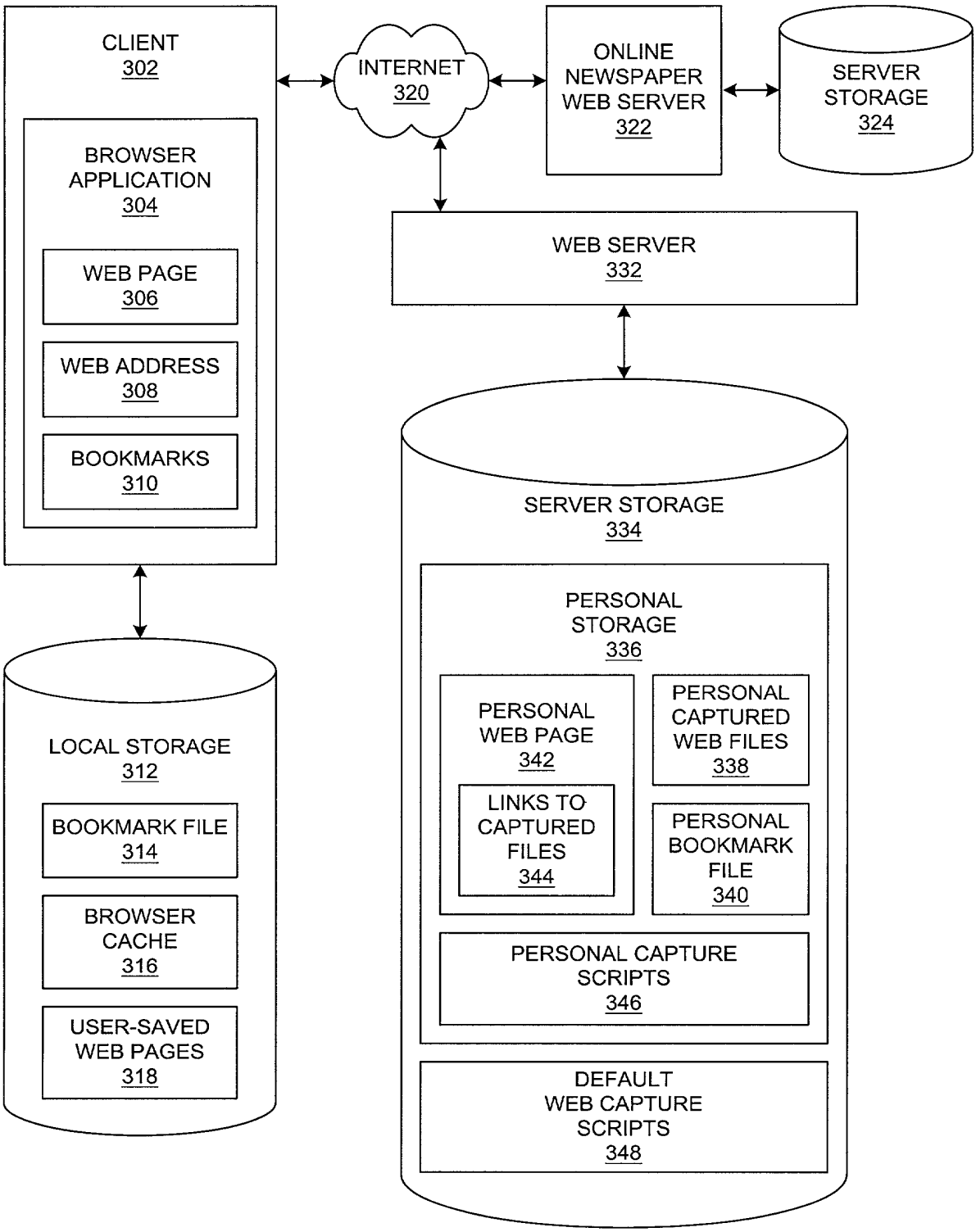
CLIENT
302
BROWSER
APPLICATION
304
WEB PAGE
306
WEB ADDRESS
308
BOOKMARKS
310
INTERNET
320
ONLINE
NEWSPAPER
WEB SERVER
322
SERVER
STORAGE
324
WEB SERVER
332
SERVER STORAGE
334
PERSONAL
STORAGE
336
PERSONAL
WEB PAGE
342
LINKS TO
CAPTURED
FILES
344
PERSONAL
CAPTURED
WEB FILES
338
PERSONAL
BOOKMARK
FILE
340
PERSONAL CAPTURE
SCRIPTS
346
DEFAULT
WEB CAPTURE
SCRIPTS
348
LOCAL STORAGE
312
BOOKMARK FILE
314
BROWSER
CACHE
316
USER-SAVED
WEB PAGES
318

FIG. 3

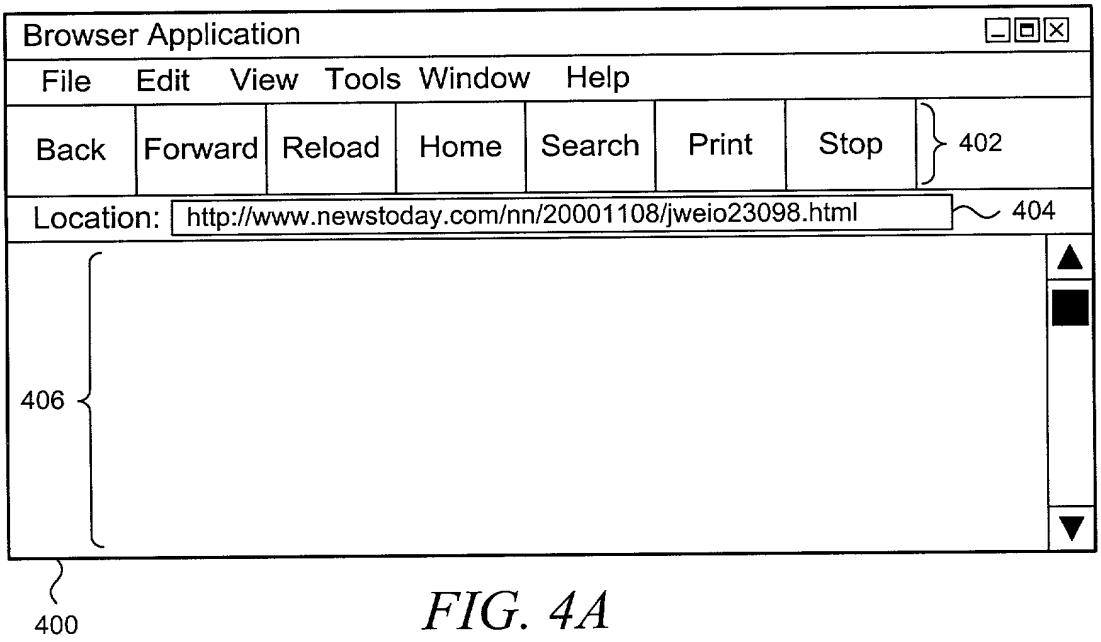
Browser Application
File Edit View Tools Window Help
Back Forward Reload Home Search Print Stop
402
Location: http://www.newstoday.com/nn/20001108/jweio23098.html
404
406
400

FIG. 4A

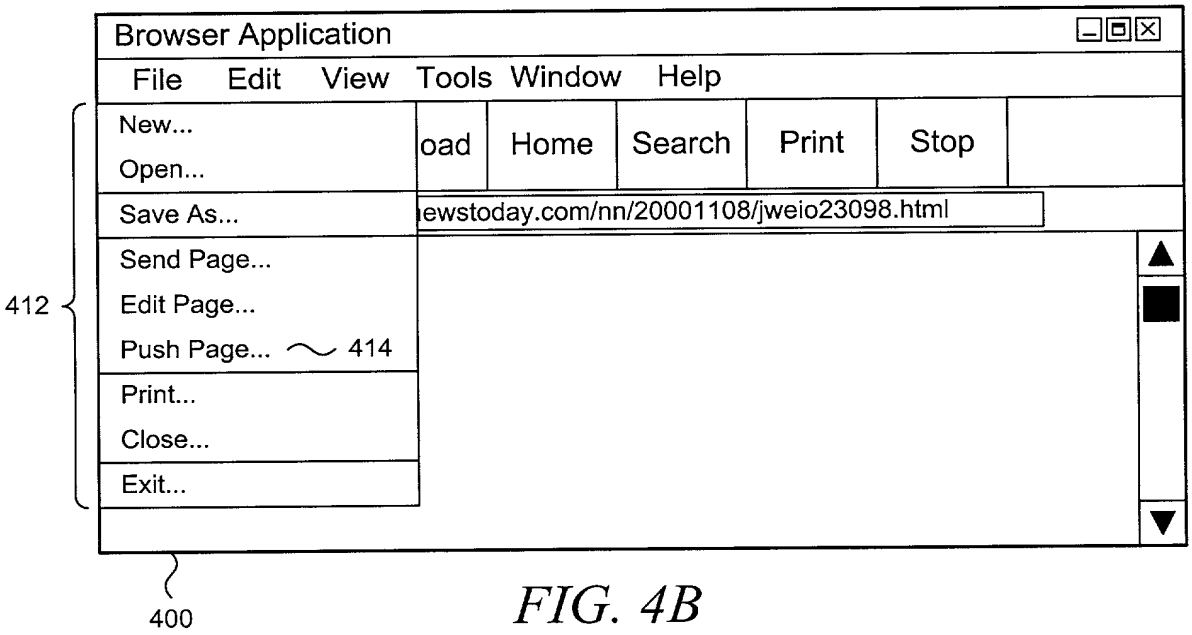
Browser Application
File Edit View Tools Window Help
New...
Open...
Save As...
Send Page...
Edit Page...
Push Page...
414
Print...
Close...
Exit...
412
oad Home Search Print Stop
ewstoday.com/nn/20001108/jweio23098.html
400

FIG. 4B

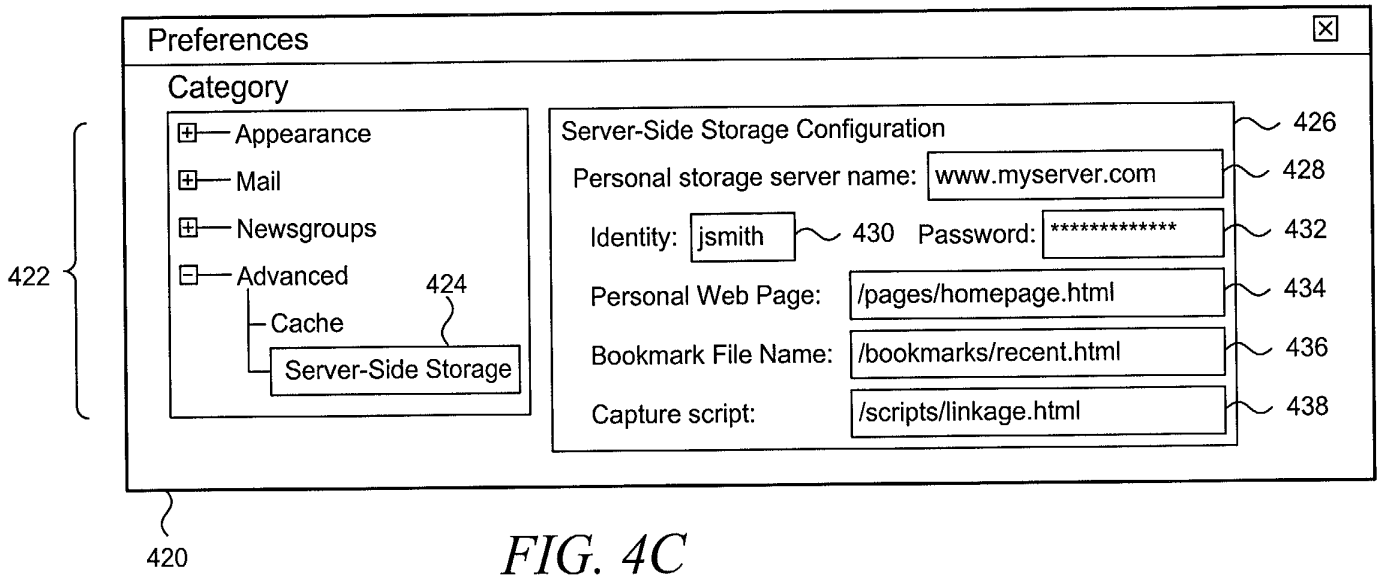
Preferences
Category
Appearance
Mail
Newsgroups
Advanced
Cache
Server-Side Storage
422
424
420
Server-Side Storage Configuration
426
Personal storage server name:
www.myserver.com
428
Identity:
jsmith
430
Password:
****
432
Personal Web Page:
/pages/homepage.html
434
Bookmark File Name:
/bookmarks/recent.html
436
Capture script:
/scripts/linkage.html
438

FIG. 4C

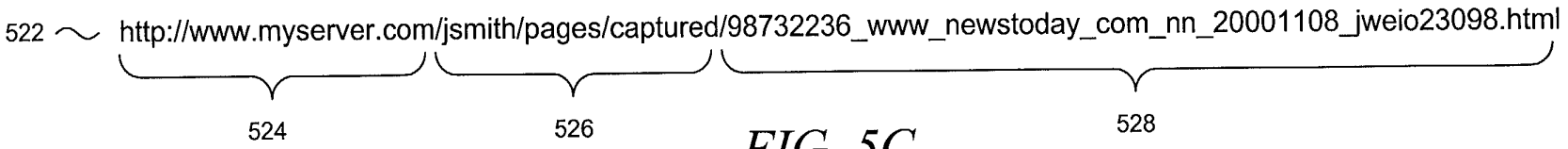
522
http://www.myserver.com/jsmith/pages/captured/98732236_www_newstoday_com_nn_20001108_jweio23098.html
524
526
528

FIG. 5C

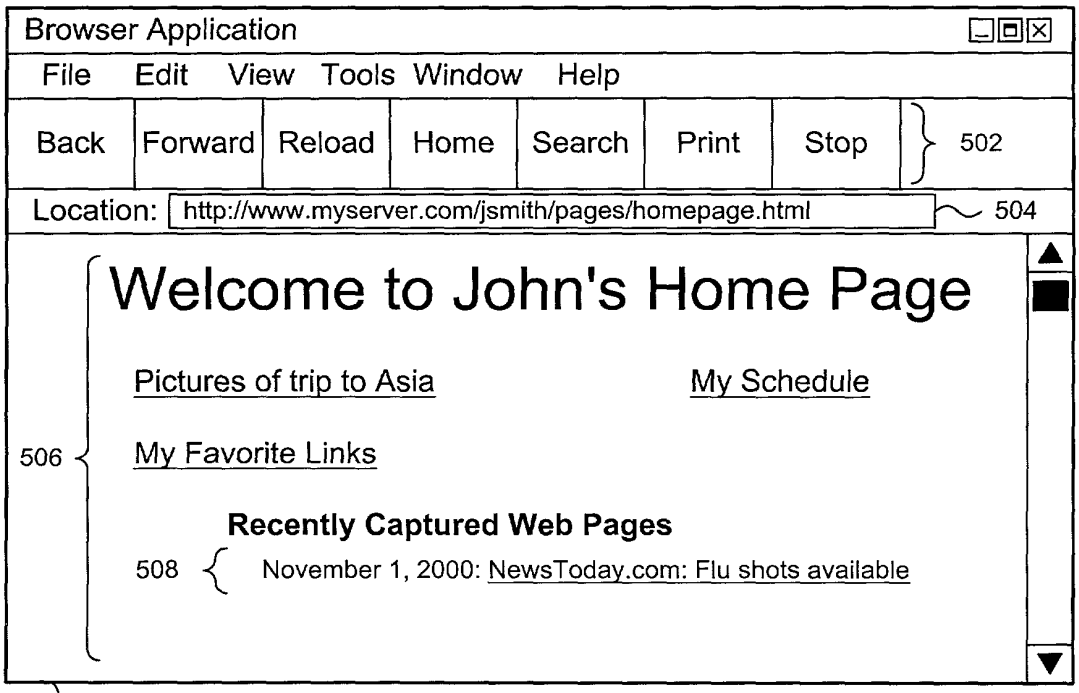
Browser Application
File Edit View Tools Window Help
Back Forward Reload Home Search Print Stop
502
Location: http://www.myserver.com/jsmith/pages/homepage.html
504
Welcome to John's Home Page
Pictures of trip to Asia
My Schedule
My Favorite Links
506
Recently Captured Web Pages
508
November 1, 2000: NewsToday.com: Flu shots available
500

FIG. 5A

Browser Application
File Edit View Tools Window Help
Back Forward Reload Home Search Print Stop
502
Location: http://www.myserver.com/jsmith/pages/homepage.html
504
Welcome to John's Home Page
Pictures of my trip to Asia
My Schedule
My Favorite Links
506
Recently Captured Web Pages
512
510
November 1, 2000: NewsToday.com: Flu shots available
November 7, 2000: NewsToday.com: Election Too Close to Call
500

FIG. 5B

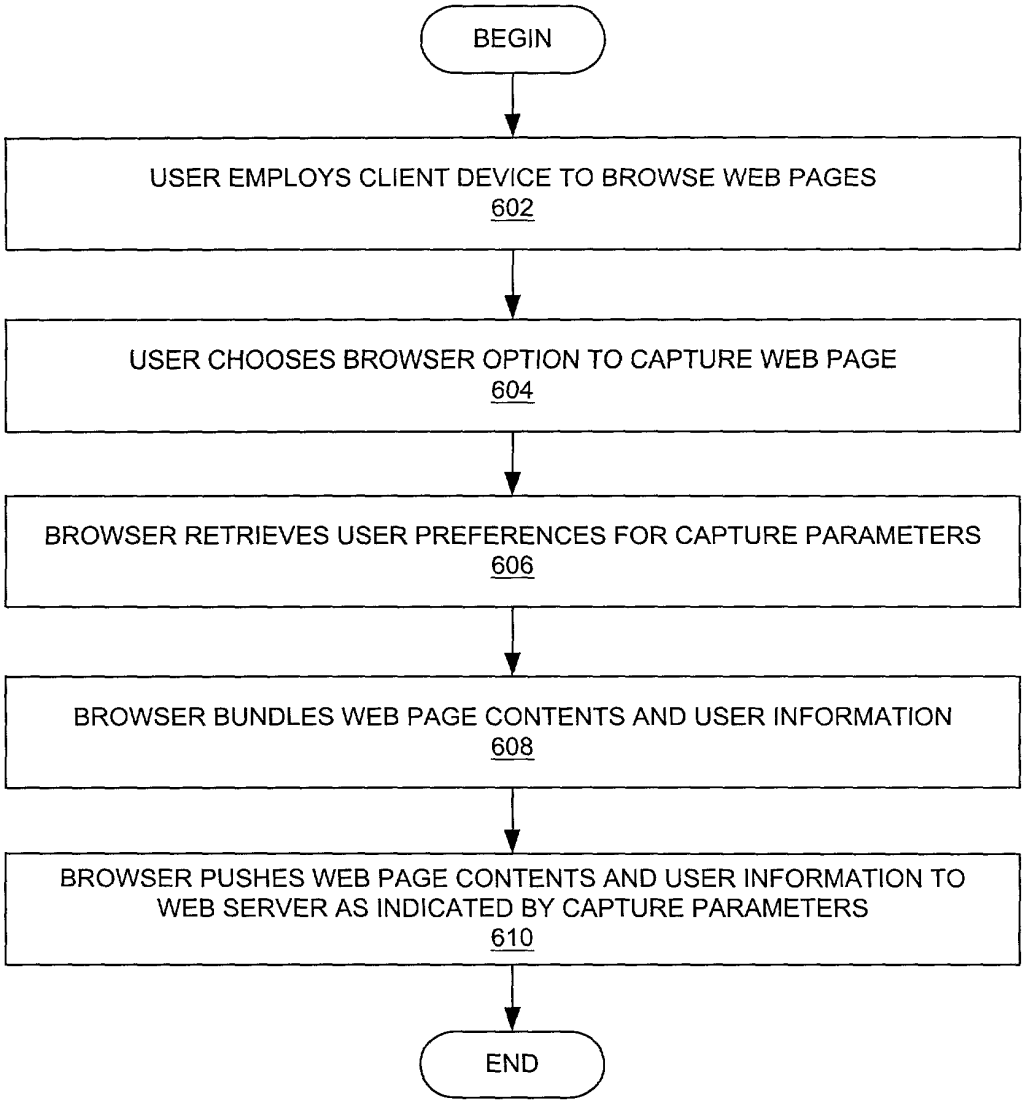

FIG. 6A

Page 9 of 26

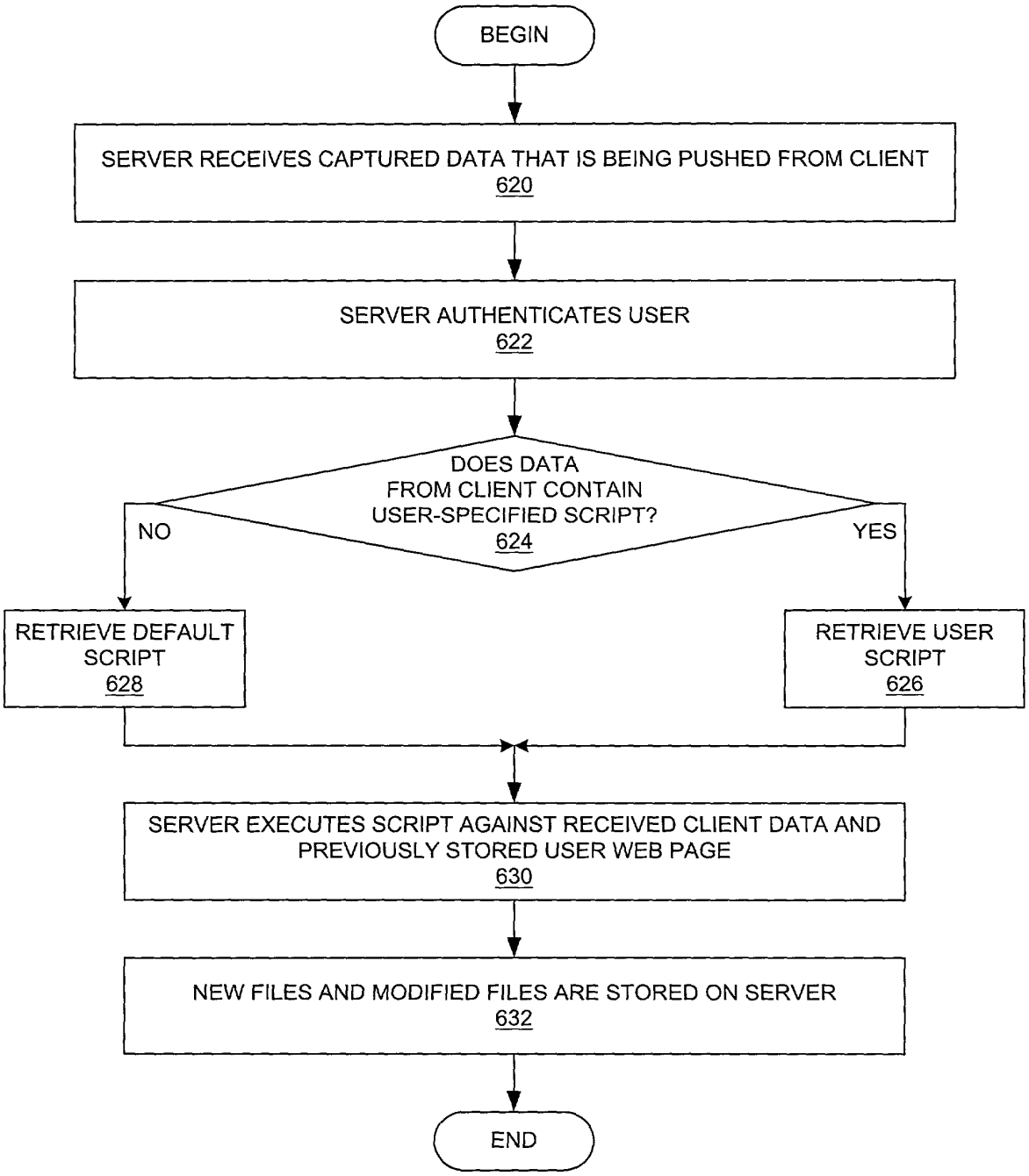
BEGIN
SERVER RECEIVES CAPTURED DATA THAT IS BEING PUSHED FROM CLIENT
620
SERVER AUTHENTICATES USER
622
DOES DATA FROM CLIENT CONTAIN USER-SPECIFIED SCRIPT?
624
NO
YES
RETRIEVE DEFAULT SCRIPT
628
RETRIEVE USER SCRIPT
626
SERVER EXECUTES SCRIPT AGAINST RECEIVED CLIENT DATA AND PREVIOUSLY STORED USER WEB PAGE
630
NEW FILES AND MODIFIED FILES ARE STORED ON SERVER
632
END

FIG. 6B

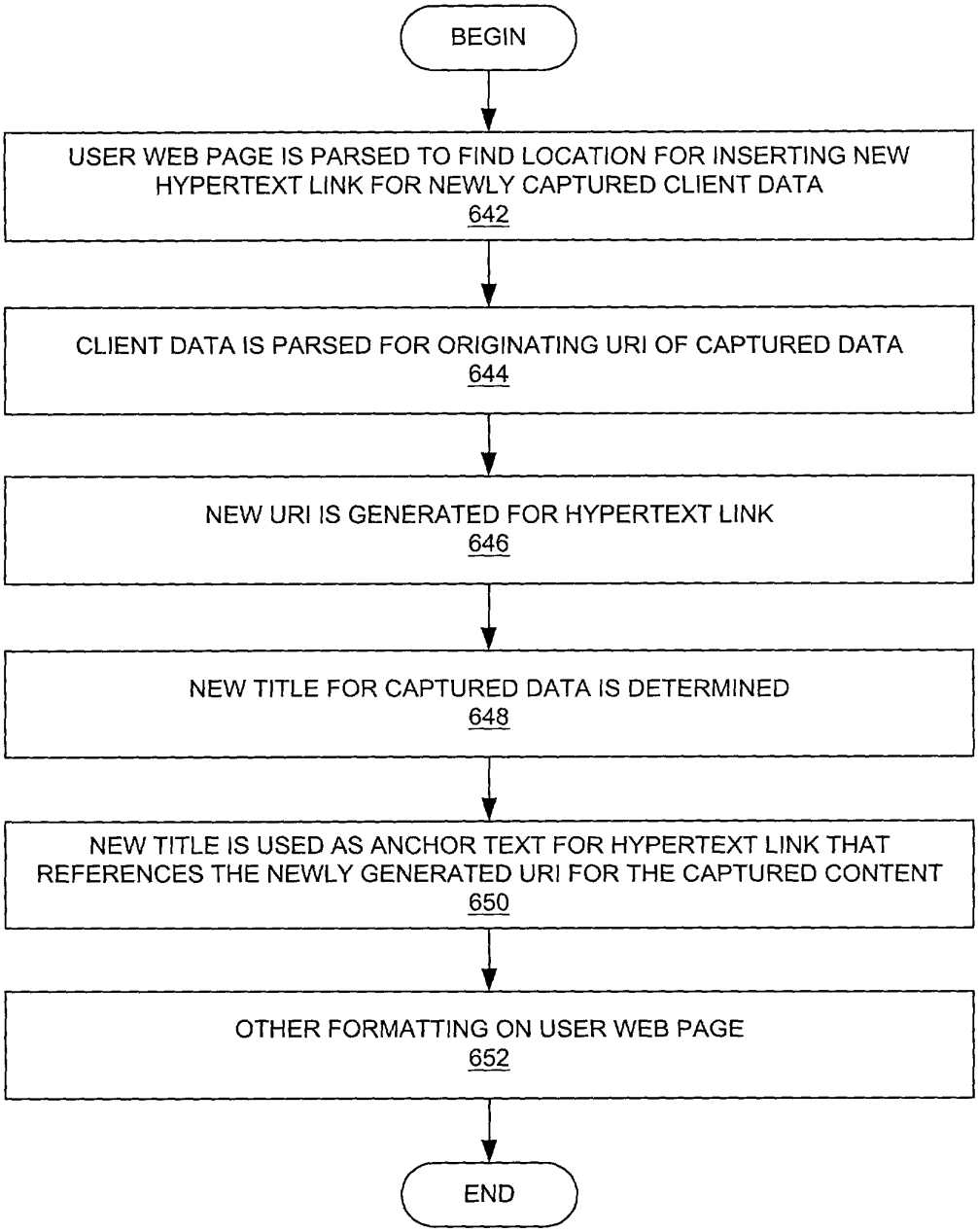
BEGIN
USER WEB PAGE IS PARSED TO FIND LOCATION FOR INSERTING NEW HYPERTEXT LINK FOR NEWLY CAPTURED CLIENT DATA
642
CLIENT DATA IS PARSED FOR ORIGINATING URI OF CAPTURED DATA
644
NEW URI IS GENERATED FOR HYPERTEXT LINK
646
NEW TITLE FOR CAPTURED DATA IS DETERMINED
648
NEW TITLE IS USED AS ANCHOR TEXT FOR HYPERTEXT LINK THAT REFERENCES THE NEWLY GENERATED URI FOR THE CAPTURED CONTENT
650
OTHER FORMATTING ON USER WEB PAGE
652
END

FIG. 6C